

2012

# Site Monster 4.0 User Manual



Pacific Software Publishing, Inc.

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# 1. General Information

## Site Monster 4.0 Features

### Web Interface

- ☒ Runs on Windows PC, Accessible from anywhere.
- ☒ PC Requirement: IIS 7 or above plus ASP.NET, .NET Framework 4 or above.

### Multi-User Support

- ☒ Administrator: All scan features plus control over all users.
- ☒ Users: All scan features.
- ☒ Each user can stop/start his scans. Administrator can stop/start all users' scans at once.
- ☒ Administrator can add/delete users and can login to user's page.
- ☒ Administrator receives confirmation email on add/deletion of the users and any user password changes.

### Automated Scan Monitor Page

- ☒ Auto update on scan status every minute.
- ☒ Warning sound on server down. Sound files can be uploaded to the server.
- ☒ Server down Aware Flag: When Aware flag is set, it stops warning sound.

### Customizable Scan Schedules

- ☒ Common Scans: Ping, TCP/UDP Port, HTTP, HTTPS, FTP, SMTP, POP, IMAP, SNMP
- ☒ HTTP(S) Page Download Scan: Authentication check, String Match, Regular Expression Match, Server Status Reply Match, and Redirection Limit.
- ☒ FTP Write/Read/Delete Scan.
- ☒ POP/IMAP Email Send and Receive Scan.
- ☒ SNMP Scans: CPU, Memory, Disk, and Traffic Scans are Pre-Defined.
- ☒ Custom SNMP Scans: User can set custom SNMP Scan with String Match or Numeric Value Check.

- ☒ MySQL Scan: Login MySQL server and run show tables command.
- ☒ Custom Scans: Upload Executable File/Script on the server and to do String Match or Numeric Value Check on the return value.

### **Event Actions**

- ☒ Not only Emails: On server down and recovery, run program and/or send web query.
- ☒ Upload programs to run on the events to the server.
- ☒ Alert/Recover Emails: Customizable for each scan.

### **Scan History and Logs**

- ☒ Scan Logs: Set Preservation days. Download from the web page.
- ☒ History Graph: Set Preservation days. See the History Graph of scans on the web page.

### **Host List**

- ☒ Add/Delete scans of the same host at once.
- ☒ Auto-Detect Hosts: Find hosts from defined IP-Range, and add hosts detected automatically.
- ☒ Host Group Sync: Copy Scan schedule of one host to multiple hosts.

## **PC Requirements**

**System:** IIS7 or above plus ASP.NET, .NET Framework 4 or above. Windows XP or Later.

**Minimum Recommended Resources:** 2GHz+ CPU & 1GB+ RAM

- ☒ For the best performance, dedicate one server to Site Monster. If other programs are running on the same machine, this may cause delay or incompleteness of scheduled scans.
- ☒ Increase RAM as you increase the number of scans. Site Monster will send warning email if resource shortage might be causing the scan delays and/or incompleteness.
- ☒ Web Application Directory of SiteMonster4.0 must give full access privilege to ASP.NET/IIS Users.

## **For More Support**

Please go to Site Monster website (<http://sitemonster.com>), or contact Pacific Software Publishing, Inc.

## 2. Install

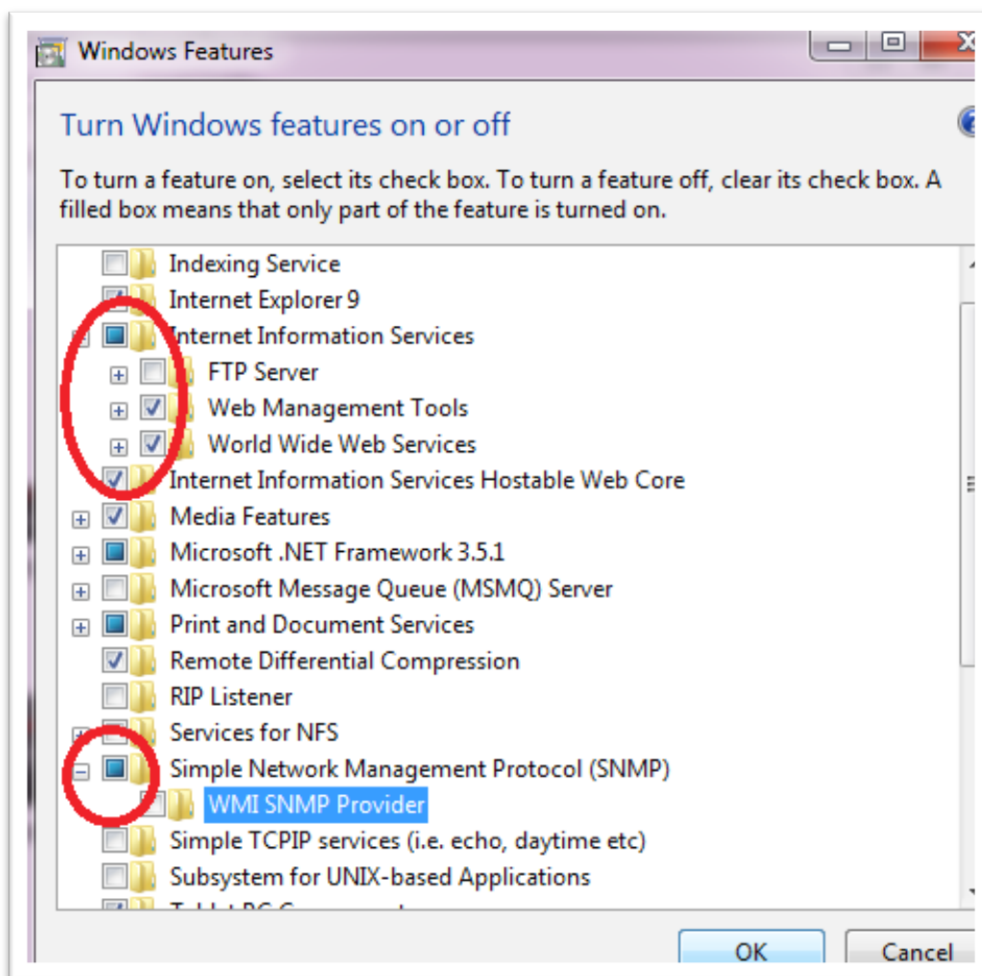
### Site Monster 4.0 Installation Procedure

Before installing Site Monster 4.0 on your computer, following two Windows features need to be installed on your computer.

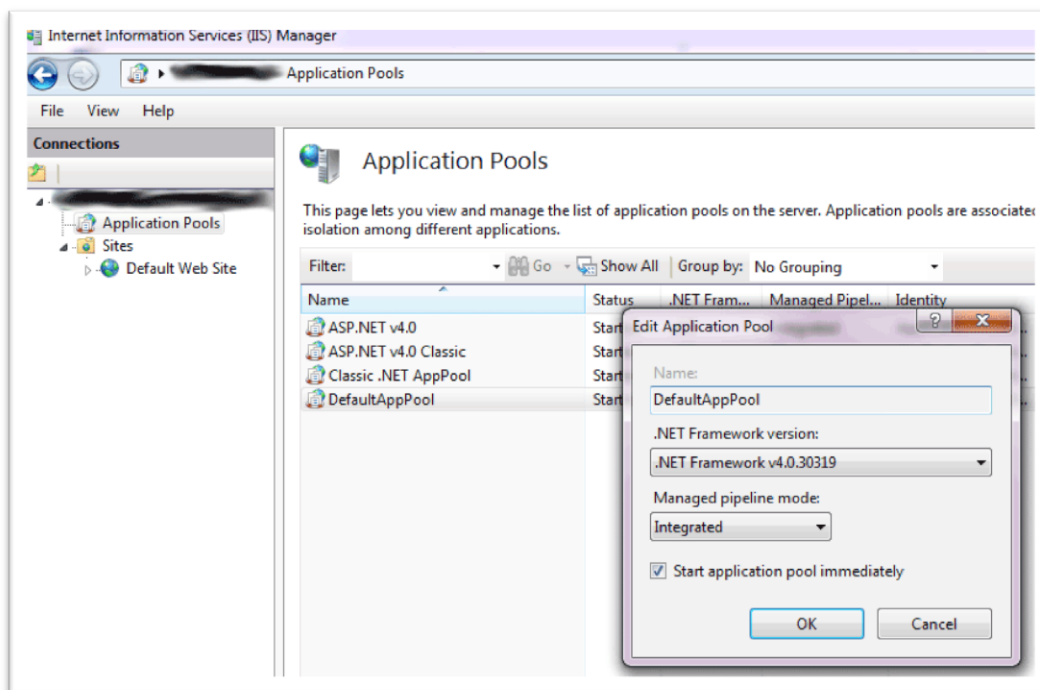
1. **IIS 7.0 or above**
2. **SNMP Provider**

To install above, please follow the steps below:

1. Open "**Control Panel**", then go to "**Programs**" → "**Turn Windows features on or off**"
2. Find IIS component and SNMP component, and check like the pictures below.
3. Click **OK** and install those features.



4. Open "**Control Panel**", and then go to "**System and Security**" → "**Administrative Tools**". Double Click "**Internet Information Service (IIS) Manager**".
5. On the IIS Manager, Click on "**Application Pools**" in "**Connection panel**" on the left.
6. Double Click "**DefaultAppPool**". "**Edit Application Pool**" box will pop up.
7. Select "**.NET Framework v4.0.xxxx**" for the "**.NET Framework version**". See pictures below.



8. Finally, download SiteMonster4.0 Installer Package. Unzip the package, run "**Setup.exe**".

## First Time Log-in Password

After the installation, it will open the browser and will direct you to the Login page. If it does not open the browser, find Desktop shortcut for the Site Monster Login Page.

Initially, Site Monster has this account for administrator login.

**User Name: administrator**

**Password: SiteMonster4.0**

### 3. Quick Start

This section will show you how to use Site Monster in the fastest way.

First, Set Environment Settings at "**Setting**" Page. "**Email Setup**" and "**Default Message Setup**" must be set correctly for Site Monster to operate fully. If these settings are not set correctly, you will not receive any important emails from Site Monster.

**Settings**

- Start/Stop Scans
- Default Settings
  - Email Setup**
  - Message Setup**
- Scan Setup
- Log Setup
- Alert Sound Setup
- Membership
  - Change Password
  - Manage User Accounts
- Help
  - Settings Help

**SiteMonster 4.0 Setting Page**

Email Setup: Set user email address and outgoing email server. **(Required)**

Message Setup: Set Alert/Recover messages. **(Required)**

Scan Setup: Set Default monitoring preferences.

Log Setup: Set Default log file setting.

Alert Sound Setup: Set Alert Sound on Monitor Page.

Change Password: Change your password.

Manage User Accounts: Manage users.

**Start/Stop administrator's Scans**

This will start/stop user's scans.

Current Status: **Running** **Stop administrator's Scans**

**Start/Stop All User's Scans**

This will start/stop all users' scans. Only the Administrator has this privilege.

**Start All User's Scans** **Stop All User's Scans**

Second, Add host from "**Host List**" Page. Use "**Add Host**" for single host addition and use "**Auto Detect Host**" for multiple host discovery and addition.

**Host List**

List All Hosts

**Add Host**

Delete Host

Auto Detect

**Auto Detect Hosts**

Host Group Sync

Host Group Sync

**Host List**

All hosts in this account are shown below. To see details and/or edit scan schedules, click "Detail". To add hosts in this account, go to menu "Add Host" or "Auto Detect Hosts".

Search:  from **Hostname/IP** **Search** List Per Page: **25**

Number of Hosts: 115

1 2 3 4 5 Next >>

Hostname/IP	IP	MachineName	OS	ScanCount	ScanList	
10.0.31.5	10.0.31.5	V3 MySQL Test		2	[PING] [MYSQL 3]	Delete
am01.alpha-mail.net	216.230.250.2	am01		3	[PING] [HTTP POST] [FTP 1]	Delete

Host List

List All Hosts

Add Host

Delete Host

Auto Detect

Auto Detect Hosts

Host Group Sync

Host Group Sync

Data Backup & Restore

Data Backup

Data Restore

Help

Host List Help

## Add Host

Please enter hostname or IP to the box. (eg. "hostname.com" or "255.255.255.255") Click "Check This Host" link to test if this Hostname/IP is reachable by Ping. You can still add Host to your Host List even if this Host does not pass the Ping test. "Machine Name" and "OS" are for your reference. These can be changed later.

Hostname/IP:

[Check This Hostname/IP](#)

☐ Add Ping Scan

☐ Inherit Scan

Schedules of:

Machine Name:  (Optional)

OS:  (Optional)

Host List

List All Hosts

Add Host

Delete Host

Auto Detect

Auto Detect Hosts

Host Group Sync

Host Group Sync

Data Backup & Restore

Data Backup

Data Restore

Help

Host List Help

## Auto Detect Hosts

Enter the range of IPv4 to search hosts. Discovered Hosts can be added to scan list at once. If you want to find hostname from DNS, check box "Check DNS Name". Auto detection process may take a time.

From:  .  .  .


To:  .  .  .

☒ Check DNS Name

Detected Hosts:

Select hosts you want to add by checking the boxes, then add them to SiteMonster host list. You can add selected hosts with no scans, with ping scans, or with any existing scan schedule from SiteMonster host list.

Select	IP	Hostname/IP	MachineName	OS
<input type="checkbox"/>	10.0.5.101	APPTTESTING5	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	10.0.5.102	APPTTEST	<input type="text"/>	<input type="text"/>

Selected Hosts: 

Use Scan Schedule of:



Third, Add Scan Schedule from **"Host View"** Page. Choose host you want to add scans from **"Host List"** and click **"Detail"** to jump to **"Host View"** Page of the host. At **"Host View"** page, select scan you want to add to this host under **"Add/Edit Menu"** on the left column.

Host View  
Select Host:  
localhost

Add/Edit Menu  
Profile  
Ping  
TCP/UDP Port  
HTTP(Port & Page)  
HTTPS(Port & Page)  
FTP(Port & Upload/Delete)  
SMTP(Port)  
POP(Port & Email)  
IMAP(Port & Email)  
CPU  
MEMORY  
DISK  
TRAFFIC  
SNMP  
MySQL  
Custom

Help  
Host View Help

localhost

IP: 127.0.0.1  
Machine Name: MyComputer  
OS:  
Date Added:

Status Summary

OK	Warning	Critical	All
8	0	3	11

HostName/IP	Test	Status	Last Run	Status Information
localhost	CPU	10/10	2012/06/26 14:41:33	OK. Average CPU Usage: 17%. 4 CPU(s) found.
localhost	CUSTOM 1	10/10	2012/06/26 14:41:35	StatusCode:(1) ReturnValue:100 Comment:This is an comment.
localhost	CUSTOM 2	10/10	2012/06/26 14:41:35	StatusCode:(1) ReturnValue:100 Comment:This is an comment.
localhost	DISK 1	0/10	2012/06/26 14:41:34	A:\:Available Space Low. Size=0MB Used=0MB. DownTime:18d21h20m22s
localhost	MEMORY 5	0/10	2012/06/26 14:41:35	Physical Memory:Available Space Low. Size=1759MB Used=1291MB. DownTime:0d4h6m58s
localhost	MEMORY 6	0/10	2012/06/26 14:41:35	Could not get Memory information. Error Code:-2000 DownTime:18d21h20m22s
localhost	SNMP 1	10/10	2012/06/26 14:41:35	User_Number:OK. OID:.1.3.6.1.2.1.25.1.5.0 Value:1
localhost	SNMP 2	10/10	2012/06/26 14:41:35	Processes:OK. OID:.1.3.6.1.2.1.25.1.6.0 Value:51
localhost	SNMP 3	10/10	2012/06/26 14:41:34	Device10_Status:OK. OID:.1.3.6.1.2.1.25.3.2.1.5.10 Value:1
localhost	SNMP 4	10/10	2012/06/26 14:41:34	sysName:OK. OID:.1.3.6.1.2.1.1.5.0 Value:AS01
localhost	TRAFFIC	10/10	2012/06/26 14:41:34	OK. Incoming: 11037Octets. Outgoing: 5481Octets.

In order to add scans to this host, please click scan type you want to add from the left column.

If you want to copy scan schedule of one host to others, use **"Host Group Sync"** in **"Hostlist"** Page. This will allow you to copy scan schedule of one host to multiple hosts. If you have servers that have the same roles, use this function to sync scan schedules of those.

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Host List

List All Hosts

Add Host

Delete Host

Auto Detect

Auto Detect Hosts

Host Group Sync

Host Group Sync

Data Backup & Restore

Data Backup

Data Restore

Help

Host List Help

## Host Group Sync

Using Host Group Sync, you can copy a scan schedule of master host to multiple hosts. All scans that are not scheduled in the master host will be deleted at synchronization. In order to use this function, at least one host has to be in the SiteMonster host list.

10.0.31.5
Scans: [PING] [MYSQL 3]

Select Hosts and Click "Add":

10.0.31.5  
am01.alpha-mail.net  
am02.alpha-mail.net  
am03.alpha-mail.net  
am04.alpha-mail.net  
am05.alpha-mail.net  
am06.alpha-mail.net  
am07.alpha-mail.net  
am08.alpha-mail.net  
am09.alpha-mail.net  
am10.alpha-mail.net  
ampop11.alpha-mail.net  
amoon12.alpha-mail.net

Add >>>  
<<< Remove

Sync

Selected Hosts to be Synchronized:

Monitor your servers on "Monitor" Page. Keep this page open in your browser. If anything happens, Site Monster will send you an alert email and this page will warn you with alert sounds.

Now, you are good to go!

### Monitor Scans

11 Scans

All Scans
Critical + Warning
Critical Only

#### Status Summary

OK	Warning	Critical (Unaware/Total)	All
292	1	0/3	296

HostName/IP	MachineName	Test	Status	Last Run	Status Information
<a href="#">10.0.31.5</a>	V3 MySQL Test	MYSQL 3	10/10	2012/06/25 17:56:54	Login:OK SHOW TABLE:OK Time:10sec
<a href="#">10.0.31.5</a>	V3 MySQL Test	PING	10/10	2012/06/25 17:54:44	Address:10.0.31.5 RoundTripTime:0ms
<a href="#">am01.alpha-mail.net</a>	am01	HTTP 1	10/10	2012/06/25 17:56:58	HTTP-Response:OK. Page:http://am01.alpha-mail.net Time:2sec
<a href="#">am01.alpha-mail.net</a>	am01	HTTP PORT	10/10	2012/06/25 17:56:55	HTTP port(80) is open.
<a href="#">am01.alpha-mail.net</a>	am01	PING	10/10	2012/06/25 17:56:54	Address:216.230.250.1 RoundTripTime:4ms
<a href="#">am02.alpha-mail.net</a>	am02	HTTP 1	10/10	2012/06/25 17:57:01	HTTP-Response:OK. Page:http://am02.alpha-mail.net Time:2sec
<a href="#">am02.alpha-mail.net</a>	am02	HTTP PORT	10/10	2012/06/25 17:56:58	HTTP port(80) is open.
<a href="#">am02.alpha-mail.net</a>	am02	PING	10/10	2012/06/25 17:56:58	Address:216.230.250.2 RoundTripTime:3ms

## 4. Settings Menu

Before start using SiteMonster4.0, each user has to set the important settings. Email Setup and Message Setup are required to set.

### Email Set Up

#### Email Address\*(Required)

Each user has to set his email address to receive alert/recover emails and password change confirmation emails.

#### Out Going Server (SMTP Server)\*(Required)

Site Monster needs at least one mail server to send message. If none of the server is set, any alert/recover messages will not be sent.

If the SMTP Outgoing Server uses authentication, check the box "Use Authentication" and enter username and password.

**Settings**

- Start/Stop Scans
- Default Settings
- Email Setup**
- Message Setup
- Scan Setup
- Log Setup
- Alert Sound Setup
- Membership
- Change Password
- Manage User Accounts
- Help
- Settings Help

### Email Setup

**Email Address**

User email address is used for sending registration emails and test emails.

Email Address:

**Outgoing server**

SiteMonster needs at least one mail server to send message. If none of the server is set, any alert/recover messages will not be sent.

**SMTP1**

SMTP Server:

☐ Use Authentication

User:

Password:

**SMTP2**

SMTP server:

☐ Use Authentication

User:

Password:

**SMTP3**

SMTP Server:

☐ Use Authentication

User:

Password:

**SMTP4**

SMTP Server:

☐ Use Authentication

User:

Password:

Click **"Send Test Mail"** button to check if Site Monster can send email through this SMTP Server to your email address successfully.

You can set up to 4 outgoing servers. Site Monster uses these servers in order until it succeeds email submission.

## Message Set Up

### Default Message Setup\*(Required)

Set up Default Alert/Recover Message. If this default message is not set, any alert/recovery message will not be sent.

Parameters are prepared to give scan-specific information on the message. (%S=ServerName/IP, %E=ScanMessage, %C=ScanType, %T=TimeStamp, %D=TotalDownTime (Recover Only)).

Settings

Start/Stop Scans

Default Settings

Email Setup

Message Setup

Scan Setup

Log Setup

Alert Sound Setup

Membership

Change Password

Manage User Accounts

Help

Settings Help

### Default Message Setup

#### Default Alert Message

Set the default alert message.  
You can use following variables in subject and content:  
(%S=ServerName/IP, %E=ScanMessage, %C=ScanType, %T=TimeStamp)

To:

From:

CC:

BCC:

Subject:

Content:

#### Default Recovery Message

Set the default recovery message.  
You can use following variables in subject and content:  
(%S=ServerName/IP, %E=ScanMessage, %C=ScanType, %T=TimeStamp, %D=TotalDownTime)

To:

From:

CC:

BCC:

Subject:

Content:

You can set Alert/Recovery Message for individual scans in scan edit page. This default messages are used if a scan does not have its own message setups.

## Scan Setup

### Default Scan Interval

Set how often each scan should be performed in default.

You can set the scan to be as often as every minute or as infrequent as 999 minutes.

**Settings**

- Start/Stop Scans
- Default Settings**
- Email Setup
- Message Setup
- Scan Setup

### Scan Default Setup

#### Default Scan Interval

Set how often each scan should be performed in default.  
You can set the scan to be as often as every minute or as infrequent as 999 minutes.

Default Scan Interval:  min(s)

## Log Setup

### Default Log Setting

- ☒ Set log format and preservation period of log.
- ☒ Select format and enter preservation period (1 to 999) and save this setting.
- ☒ If this setting is not set, Site Monster saves all logs up to 7 days by default.
- ☒ Logs can be viewed and be downloaded in "**History**" Page.

### History File Setting

- ☒ History files are used to show graphs. You can set up how long Site Monster saves this history files.
- ☒ History graphs can be viewed in "**Host View**" Page.
- ☒ If this setting is not set, Site Monster saves history file up to 14 days by default.

**Settings**

- Start/Stop Scans
- Default Settings
- Email Setup
- Message Setup
- Scan Setup
- Log Setup**
- Alert Sound Setup
- Membership
- Change Password
- Manage User Accounts

### Log File Setup

#### Default Log Setting

Set default log format and preservation period of individual scans.

Log Format: All ☒ Error Only ☐ Never ☐

Preservation Period: 7 day(s)

Save Cancel

#### History File Setting

Set preservation period of individual scans history(used for history graph).

Preservation Period: 14 day(s)

Save Cancel

## Alert Sound Setup

### Select Alert Sound on Monitoring Page

On server down, Alert Sound will be played repeatedly on the **"Monitor"** page. Select sound for this warning. You can also upload your sound file to the server and set it as alert sound.

By default, sound "frogs.wav" will be played. You can upload sound files and used them as your warning sound. Please make sure if the file you upload is playable on your browser.

Sound files you uploaded will be saved in the server. If you wish, you can delete them from the server. Select file from "Delete Sound File", then click "Delete" button.

**Settings**

- Start/Stop Scans
- Default Settings
- Email Setup
- Message Setup
- Scan Setup
- Log Setup
- Alert Sound Setup**
- Membership
- Change Password
- Manage User Accounts
- Help
- Settings Help

### Alert Sound Setup

#### Choose Alert Sound in Monitoring Page.

Set alert sound in monitor page. When Server downs, this sound will be played on the page.

Select File: frogs.wav(Default)

☒ Disable Automatic Alert Sound (Not Recommended)

Only the files in servers are shown. In order to add sound files, please upload files from below.

Save

#### Upload Alert Sound.

Upload Alert Sound to the server. Please make sure the file is sound file.

Upload Sound File:

Upload File

#### Delete Alert Sound.

Delete Alert Sound File in the server.

Delete Sound File: alarm.wav

## Change Password

Change Password for your account. Confirmation email will be sent to your email address.

**Settings**  
 Start/Stop Scans  
**Default Settings**  
 Email Setup  
 Message Setup  
 Scan Setup  
 Log Setup  
 Alert Sound Setup  
**Membership**  
 Change Password  
 Manage User Accounts

### Change Password

Change user password.  
Password is unrecoverable, so please keep your password where you can find.

Current Password:

New Password:

Confirm Password:

## Manage User Accounts (Administrator Only)

In this Page, Administrator can see all users list, add/delete user, and login as user.

**Settings**  
 Start/Stop Scans  
**Default Settings**  
 Email Setup  
 Message Setup  
 Scan Setup  
 Log Setup  
 Alert Sound Setup  
**Membership**  
 Change Password  
 Manage User Accounts  
**Help**  
 Settings Help

### Manage User Accounts

List of Current users

User Name	Privilege	Scan Count	Scan Status	Date Created	Disk Usage
administrator	admin	308	Running	6/7/2012 5:19:27 PM	434MB
user3	user	0	Running	6/19/2012 5:21:17 PM	0B
someone	user	0	Running	6/20/2012 11:12:49 AM	0B
user1	user	0	Running	6/21/2012 4:31:42 PM	0B

**Add User**  
 User Name:   
 Password:

**Delete User**  
 User Name:

**Log in as User**  
 User Name:

## 5. Host List Page

In this page, you can List, Add, Delete, and Copy hosts.

Add Single Host: go to **"Add Host"**

Add Hosts Found by Auto Detect at Once: go to **"Auto Detect Hosts"**

Copy Scan Setting: go to **"Host Group Sync"**.

### Host List and Map View

Lists all host. Each row has the link to Host View (detail) and Delete Host page (delete).

If there are ping scans, Map View of hosts are shown under the Host List.

Host List

List All Hosts

Add Host

Delete Host

Auto Detect

Auto Detect Hosts

Host Group Sync

Host Group Sync

Data Backup & Restore

Data Backup

Data Restore

Help

Host List Help

Host List

All hosts in this account are shown below. To see details and/or edit scan schedules, click "Detail". To add hosts in this account, go to menu "Add Host" or "Auto Detect Hosts".

Search:  from **All**  List Per Page: **10**

Number of Hosts: 118

<< Previous 1 **2** 3 4 5 6 7 8 9 10 11 12 Next >>

	Hostname/IP	IP	MachineName	OS	ScanCount	ScanList	
<a href="#">Detail</a>	am08.alpha-mail.net	216.230.250.8	am08		3	[PING] [HTTP PORT] [HTTP 1]	<a href="#">Delete</a>
<a href="#">Detail</a>	am09.alpha-mail.net	216.230.250.9	am09		3	[PING] [HTTP PORT] [HTTP 1]	<a href="#">Delete</a>
<a href="#">Detail</a>	am10.alpha-mail.net	216.230.250.10	am10		3	[PING] [HTTP PORT] [HTTP 1]	<a href="#">Delete</a>
<a href="#">Detail</a>	ampop11.alpha-mail.net	216.230.250.11	ampop11		1	[PING]	<a href="#">Delete</a>
<a href="#">Detail</a>	ampop12.alpha-mail.net	216.230.250.12	ampop12		1	[PING]	<a href="#">Delete</a>
<a href="#">Detail</a>	amweb01.alpha-mail.net	216.230.250.31	amweb01		2	[PING] [HTTP PORT]	<a href="#">Delete</a>
<a href="#">Detail</a>	amweb02.alpha-mail.net	216.230.250.32	amweb02		2	[PING] [HTTP PORT]	<a href="#">Delete</a>
<a href="#">Detail</a>	amweb03.alpha-mail.net	216.230.250.33	amweb03		2	[PING] [HTTP PORT]	<a href="#">Delete</a>
<a href="#">Detail</a>	amweb04.alpha-mail.net	216.230.250.38	amweb04		2	[PING] [HTTP PORT]	<a href="#">Delete</a>
<a href="#">Detail</a>	amweb05.alpha-mail.net	216.230.250.35	amweb05		2	[PING] [HTTP PORT]	<a href="#">Delete</a>

Round Trip Ping Time (ms)

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## Add Host

In this page, you can add single host.

- ☑ **Hostname:** This is required. Hostname can be IP. Clicking "**Check This Host**" will do ping test on this Hostname. If "**Check This Host**" does not gives you matching IP of the Hostname, check your DNS name record of this host. If your target server does not have global DNS name on the Internet, just enter IP in the "**Hostname/IP**" field.
- ☑ **Add Ping** (optional): Checking this box will add Ping Scan to this Host when it is added.
- ☑ **Inherit Scan Schedule** (optional): Checking this box will copy all scans of a host that already in the Site Monster Host List. This will copy all custom messages and event actions.
- ☑ **Machine Name:** If you want to give a short description about this Host, please use this field.
- ☑ **OS:** If you want to give OS information of this Host, please use this field.

**Host List**

- List All Hosts
- Add Host
- Delete Host

**Auto Detect**

- Auto Detect Hosts

**Host Group Sync**

- Host Group Sync

**Data Backup & Restore**

- Data Backup
- Data Restore

### Add Host

Please enter hostname or IP to the box. (eg. "hostname.com" or "255.255.255.255") Click "Check This Host" link to test if this Hostname/IP is reachable by Ping. You can still add Host to your Host List even if this Host does not pass the Ping test. "Machine Name" and "OS" are for your reference. These can be changed later.

Hostname/IP:

[Check This Hostname/IP](#)

☐ Add Ping Scan

☐ Inherit Scan

Schedules of:

Machine Name:  (Optional)

OS:  (Optional)

## Delete Host

In this page, you can delete a host from Site Monster. Once it has been deleted, all information and past history files will be lost.

Select Host you want to delete from dropdown menu, and then click "**Delete**".

## Auto Detect Hosts

In this Page, you can find hosts in certain IPv4 range, and add detected hosts to Site Monster at once. Reachable IPs by Ping (ICMP) will be shown.

☒ **DNS Lookup option:** If checked, Auto detect will try to find DNS names of reachable IPs.

To find hosts, enter the range of IPv4, and click "**Find**".

If it finds any hosts, it will give you a list of all detected host with IP and Hostname.

Check boxes of hosts you want to add to Site Monster, then add those selected hosts by choosing following three options.

- ☒ **"Add Selected Hosts":** this will add all selected hosts without any scan schedule.
- ☒ **"Add Selected Hosts with Ping Scan":** this will add all selected hosts with ping scan.
- ☒ **"Add Selected Hosts with Existing Scan Schedule":** this will add all selected hosts with scans that one of existing host has. This will copy all custom messages and event actions.

Host List

List All Hosts

Add Host

Delete Host

Auto Detect

Auto Detect Hosts

Host Group Sync

Host Group Sync

Data Backup & Restore

Data Backup

Data Restore

Help

Host List Help

## Auto Detect Hosts

Enter the range of IPv4 to search hosts. Discovered Hosts can be added to scan list at once. If you want to find hostname from DNS, check box "Check DNS Name". Auto detection process may take a time.

From:  .  .  .

To:  .  .  .

☒ Check DNS Name

Detected Hosts:

Select hosts you want to add by checking the boxes, then add them to SiteMonster host list. You can add selected hosts with no scans, with ping scans, or with any existing scan schedule from SiteMonster host list.

Select	IP	Hostname/IP	MachineName	OS
<input type="checkbox"/>	10.0.5.101	APPTSTING5	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	10.0.5.102	APPTST	<input type="text"/>	<input type="text"/>

Selected Hosts:

Use Scan Schedule of:

## Host Group Sync

On this page you can copy scan schedule of one host to multiple hosts.

First, select master host, which you want to copy the scan schedule from. For a reference, it will show you the scans this host has.

Add Hosts you want to copy scan schedules to. Selecting host from the left box and clicking **"add"** will add hosts to the right box.

Click **"Sync"** to copy. This will copy all custom messages and event actions.

\*Note: Any scan schedules that are NOT in master host will be deleted.

\*Note: This synchronization is not continuous, meaning that if any hosts' setting change in the future will not reflect on the hosts.

Host List

List All Hosts

Add Host

Delete Host

Auto Detect

Auto Detect Hosts

Host Group Sync

Host Group Sync

Data Backup & Restore

Data Backup

Data Restore

Help

Host List Help

## Host Group Sync

Using Host Group Sync, you can copy a scan schedule of master host to multiple hosts. All scans that are not scheduled in the master host will be deleted at synchronization. In order to use this function, at least one host has to be in the SiteMonster host list.

10.0.31.5

Scans: [PING] [MYSQL 3]

Select Hosts and Click "Add":

10.0.31.5  
am01.alpha-mail.net  
am02.alpha-mail.net  
am03.alpha-mail.net  
am04.alpha-mail.net  
am05.alpha-mail.net  
am06.alpha-mail.net  
am07.alpha-mail.net  
am08.alpha-mail.net  
am09.alpha-mail.net  
am10.alpha-mail.net  
ampop11.alpha-mail.net  
amnon12.alpha-mail.net

Add >>>

<<< Remove

Sync

Selected Hosts to be Synchronized:

## Data Backup

In this page, you can export and save an account back up file. Save Backup file for safe place.

The exporting process may take some time depending on the amount of data. Please wait patiently.

Host List

List All Hosts

Add Host

Delete Host

Auto Detect

Auto Detect Hosts

Host Group Sync

Host Group Sync

Data Backup & Restore

Data Backup

Data Restore

Help

Host List Help

## Data Backup

In this page, you can save complete data of your SiteMonster account. Backup file can restore the setting of your account in a different server or in a different account.

The following will be saved.

- + All Scan Settings
- + Email Settings
- + Alert/Recover Messages
- + Custom Programs
- + Alert Sound Files
- + All Default Settings

\*Log files and History files will not be saved.

Please save back up zip file to safe place.

Go to "Data Restore" to restore the setting using this backup file.

**Backup administrator's account:**

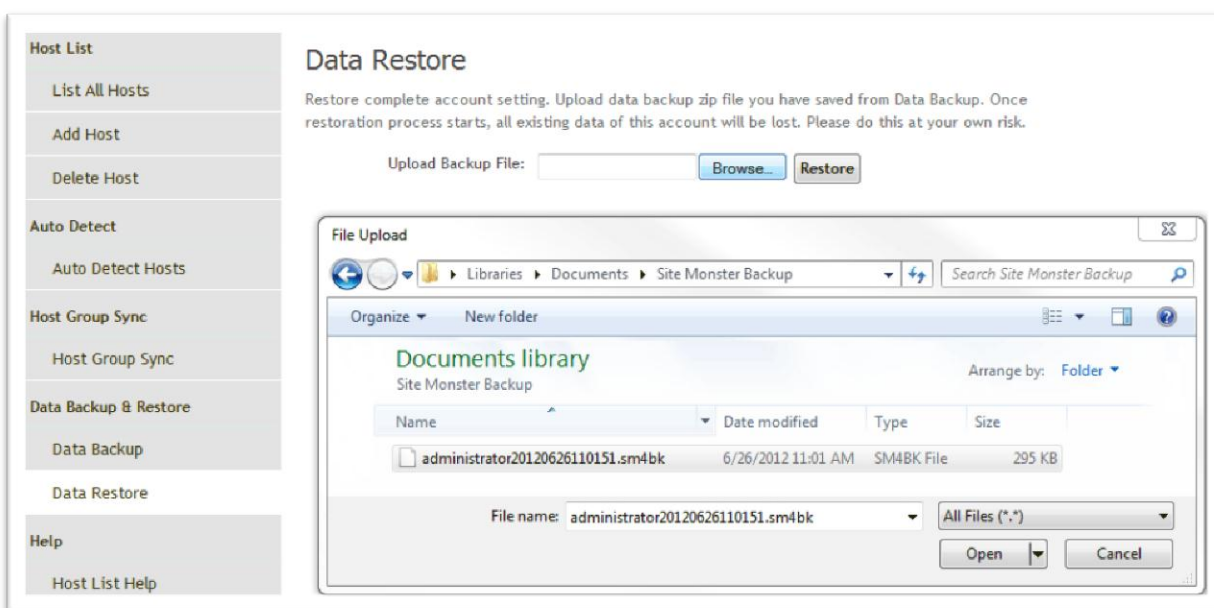
Export Backup

## Data Restore

In this page, you can import and restore an account with back up file.

Browse and select Site Monster Backup File, then click "**Restore**".

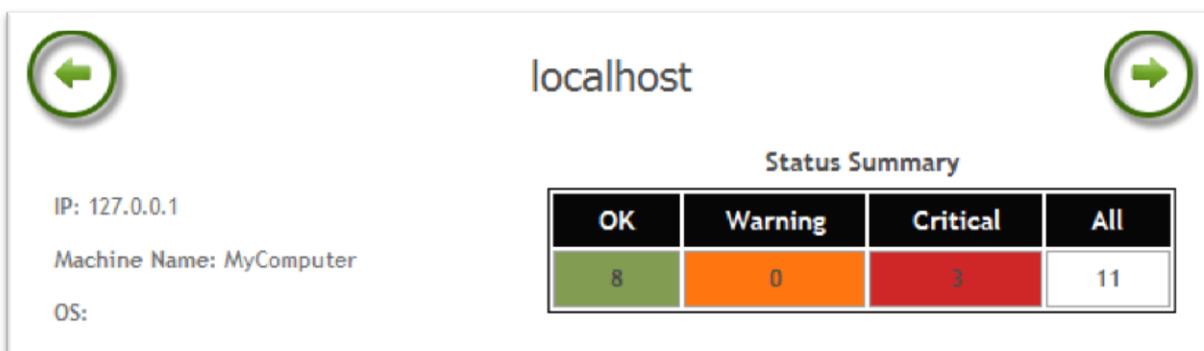
The importing process may take some time depending on the amount of data. Please wait patiently.



## 6. Host View Page

In this Page, you can see the overview of single host. Also, you can edit scan schedule of a single host.

To go to next/previous host, click green arrows on the side of Hostname.



## Scan List

Scan List shows all scans of this host. The List will automatically update every minute.

HostName/IP	Test	Status	Last Run	Status Information
localhost	CPU	10/10	2012/06/26 14:41:33	OK. Average CPU Usage: 17%. 4 CPU(s) found.
localhost	CUSTOM 1	10/10	2012/06/26 14:41:35	StatusCode:(1) ReturnValue:100 Comment:This is an comment.
localhost	CUSTOM 2	10/10	2012/06/26 14:41:35	StatusCode:(1) ReturnValue:100 Comment:This is an comment.
localhost	DISK 1	0/10	2012/06/26 14:41:34	A:\:Available Space Low. Size=0MB Used=0MB. DownTime:18d21h20m22s
localhost	MEMORY 5	0/10	2012/06/26 14:41:35	Physical Memory:Available Space Low. Size=1759MB Used=1291MB. DownTime:0d4h6m58s
localhost	MEMORY 6	0/10	2012/06/26 14:41:35	Could not get Memory information. Error Code:-2000 DownTime:18d21h20m22s
localhost	SNMP 1	10/10	2012/06/26 14:41:35	User_Number:OK. OID:.1.3.6.1.2.1.25.1.5.0 Value:1
localhost	SNMP 2	10/10	2012/06/26 14:41:35	Processes:OK. OID:.1.3.6.1.2.1.25.1.6.0 Value:51
localhost	SNMP 3	10/10	2012/06/26 14:41:34	Device10_Status:OK. OID:.1.3.6.1.2.1.25.3.2.1.5.10 Value:1
localhost	SNMP 4	10/10	2012/06/26 14:41:34	sysName:OK. OID:.1.3.6.1.2.1.1.5.0 Value:AS01
localhost	TRAFFIC	10/10	2012/06/26 14:41:34	OK. Incoming: 11037Octets. Outgoing: 5481Octets.

In order to add scans to this host, please click scan type you want to add from the left column.

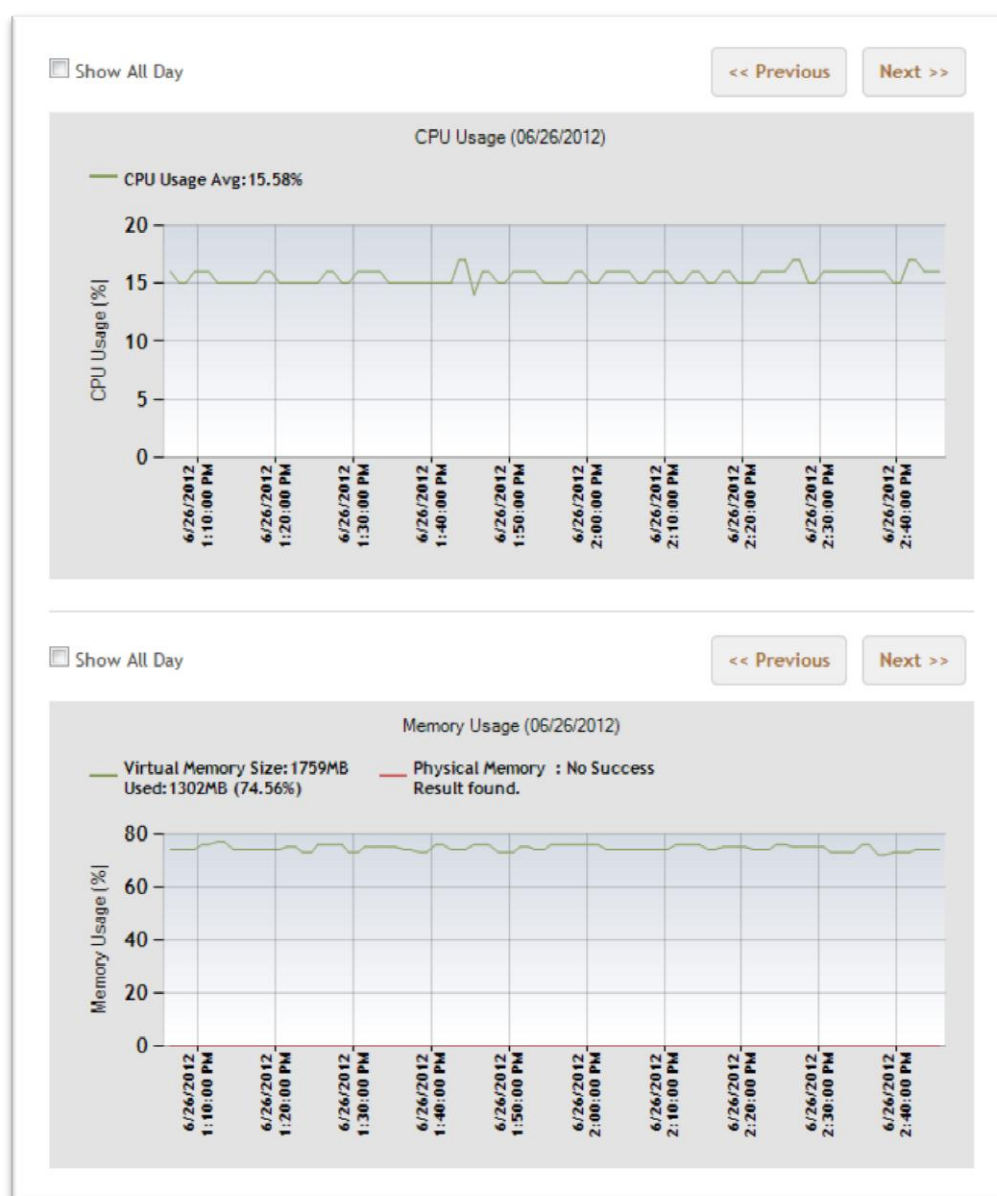
## History Graphs

The following scans will give you history graphs. To change how long system keeps the record, go to "Setting" → "Log Setup" → "History File Setting".

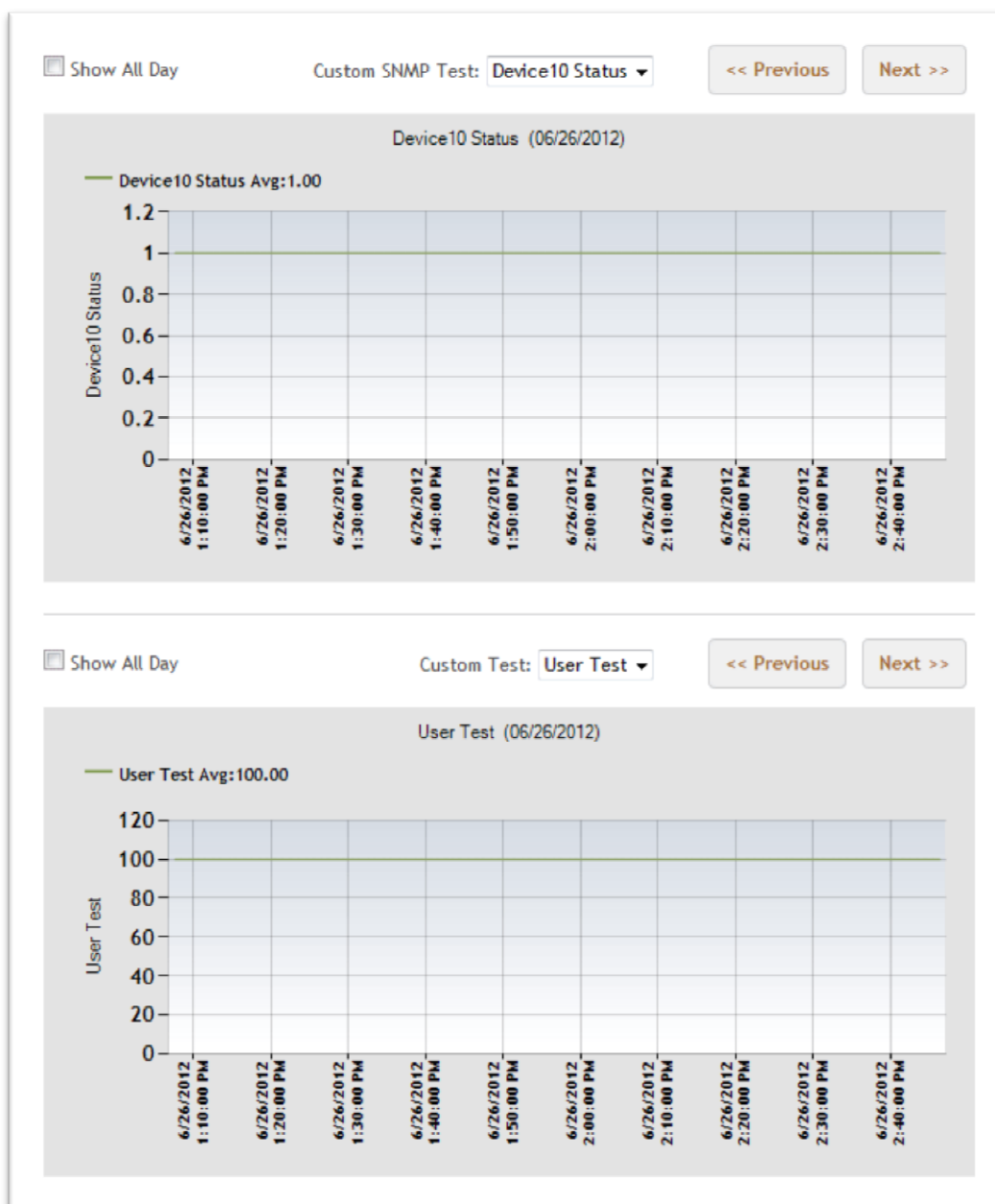
(Ping, HTTP Page, HTTPS Page, FTP Write/Read/Delete, POP Mail, IMAP Mail, CPU, Memory, Disk, Traffic, SNMP(Custom) with Numeric Return value, Custom with Numeric return value)

On page load, it only shows you latest 100 scan graph. To see the graph of all day, click "**Show All Day**" check box.

Click "<< Previous" and "Next >>" to change date.



For some scans you may have more than one for one host, for such scans, there is a dropdown menu to select which one to show on the graph.





## Edit Host Profile

To Update IP of this host, or change Machine Name/OS Information, click "**Profile**" Under "**Add/Edit Scan**" menu on the left.

The screenshot displays a web application for editing host profiles. On the left, a sidebar contains a menu with 'Add/Edit Scan' and 'Scan: PROFILE'. The main content area shows the current IP address '10.0.100.128'. Below this, there is a section titled 'Update IP of current Hostname/IP' with a text input field containing '10.0.100.128' and an 'Update' button. Further down is the 'Edit Host Information' section, which includes three input fields: 'Hostname/IP' (containing '10.0.100.128'), 'Machine Name' (containing 'www'), and 'OS' (containing 'www.ee'). A link 'Check This Hostname/IP' is positioned to the right of the Hostname/IP field. Below these fields are 'Save' and 'Date Added:' labels. A 'Back' button is located at the bottom left of the main content area.

## Edit Scan Schedules

In order to edit scan schedules, click menu on the left. This will open the scan edit page.

Host View

Select Host:  
localhost

Add/Edit Menu

Profile

Ping

TCP/UDP Port

HTTP(Port & Page)

HTTPS(Port & Page)

FTP(Port & Upload/Delete)

SMTP(Port)

POP(Port & Email)

IMAP(Port & Email)

CPU

MEMORY

DISK

TRAFFIC

SNMP

MySQL

Custom

Help

Host View Help

localhost

IP: 127.0.0.1

Machine Name: MyComputer

OS:

Date Added:

Status Summary

OK	Warning	Critical	All
8	0	3	11

HostName/IP	Test	Status	Last Run	Status Information
localhost	CPU	10/10	2012/06/26 14:41:33	OK. Average CPU Usage: 17%. 4 CPU(s) found.
localhost	CUSTOM 1	10/10	2012/06/26 14:41:35	StatusCode:(1) ReturnValue:100 Comment:This is an comment.
localhost	CUSTOM 2	10/10	2012/06/26 14:41:35	StatusCode:(1) ReturnValue:100 Comment:This is an comment.
localhost	DISK 1	0/10	2012/06/26 14:41:34	A:\Available Space Low. Size=0MB Used=0MB. DownTime:18d21h20m22s
localhost	MEMORY 5	0/10	2012/06/26 14:41:35	Physical Memory:Available Space Low. Size=1759MB Used=1291MB. DownTime:0d4h6m58s
localhost	MEMORY 6	0/10	2012/06/26 14:41:35	Could not get Memory information. Error Code:-2000 DownTime:18d21h20m22s
localhost	SNMP 1	10/10	2012/06/26 14:41:35	User_Number:OK. OID:.1.3.6.1.2.1.25.1.5.0 Value:1
localhost	SNMP 2	10/10	2012/06/26 14:41:35	Processes:OK. OID:.1.3.6.1.2.1.25.1.6.0 Value:51
localhost	SNMP 3	10/10	2012/06/26 14:41:34	Device10_Status:OK. OID:.1.3.6.1.2.1.25.3.2.1.5.10 Value:1
localhost	SNMP 4	10/10	2012/06/26 14:41:34	sysName:OK. OID:.1.3.6.1.2.1.1.5.0 Value:AS01
localhost	TRAFFIC	10/10	2012/06/26 14:41:34	OK. Incoming: 11037Octets. Outgoing: 5481Octets.

In order to add scans to this host, please click scan type you want to add from the left column.

In each scan edit page, you can select Default/Custom message. If Custom is selected, **"Edit Custom Message"** button will be enabled. Click this button to edit custom message for this particular scan.

In each scan edit page, you can add event action. Click **"Edit Event Actions"** button to set up event action for this particular scan.

Add/Edit Scan

Host: 10.0.100.128

Scan: HTTP

Upload Custom Program

Please select your custom program to upload to the server. Uploaded program can be run by SiteMonster.

Delete Custom Program

Please Select custom program to delete from SiteMonster. Make sure you do not use the program you are deleting.

File Name: customtest.exe ▼

HTTP Page Download 1 Event Action Setting

On Alert Action

Set the custom alert action. You can use following variables in arguments: %S=ServerName/IP, %E=ErrorMessage, %C=ScanType, %T=TimeStamp

☐ Run Executable/Script

File Name: customtest.exe ▼

\*Only the files in the server are shown. Please add/delete file from [Here](#).

Arguments:

☐ Send HTTP Query

URL:

On Recover Action

Set the custom recover action. You can use following variables in arguments: %S=ServerName/IP, %E=ErrorMessage, %C=ScanType, %T=TimeStamp, %D=TotalDownTime

☐ Run Executable/Script

File Name: customtest.exe ▼

\*Only the files in the server are shown. Please add/delete file from [Here](#).

Arguments:

☐ Send HTTP Query

URL:

- ☑ You can upload program to the server to use in this event action. You can only use programs/scripts that are uploaded on the server.
- ☑ You can set web query to run on events. Site Monster will not check this link, so make sure you enter accurately (start with http:// or https://).

**Add/Edit Scan**

Host: 10.0.100.128

Scan: HTTP

**Upload Custom Program**

Please select your custom program to upload to the server. Uploaded program can be run by SiteMonster.

**Delete Custom Program**

Please Select custom program to delete from SiteMonster. Make sure you do not use the program you are deleting.

File Name: customtest.exe

**HTTP Page Download 1 Event Action Setting**

**On Alert Action**

Set the custom alert action. You can use following variables in arguments: %S=ServerName/IP, %E=ErrorMessage, %C=ScanType, %T=TimeStamp

☐ Run Executable/Script

File Name: customtest.exe

\*Only the files in the server are shown. Please add/delete file from [Here](#).

Arguments:

☐ Send HTTP Query

URL:

**On Recover Action**

Set the custom recover action. You can use following variables in arguments: %S=ServerName/IP, %E=ErrorMessage, %C=ScanType, %T=TimeStamp, %D=TotalDownTime

☐ Run Executable/Script

File Name: customtest.exe

\*Only the files in the server are shown. Please add/delete file from [Here](#).

Arguments:

☐ Send HTTP Query

URL:

## Note for Custom Scans

\*Custom Exe Rule the Executable Files/Scripts have to output these lines to standard output to be run by Site Monster.

- (1) Status Code (Required): Integer. Site Monster considers all negative integers as Error and all positive integers as Success. Zero is reserved.
- (2) Return Value (Required): Either String or Integer. Site Monster can test this value. If this is an Integer, Site Monster can draw graph for this test scan.
- (3) Comments (Optional): This will be shown in Log and in Status information.

### Example:

```
>> myCustomProgram.exe Arg1 Arg2

>> 1                      <===== (1) Status Code

>> 500                    <===== (2) Return Value

>> Scan Succeeded         <===== (3) Comment

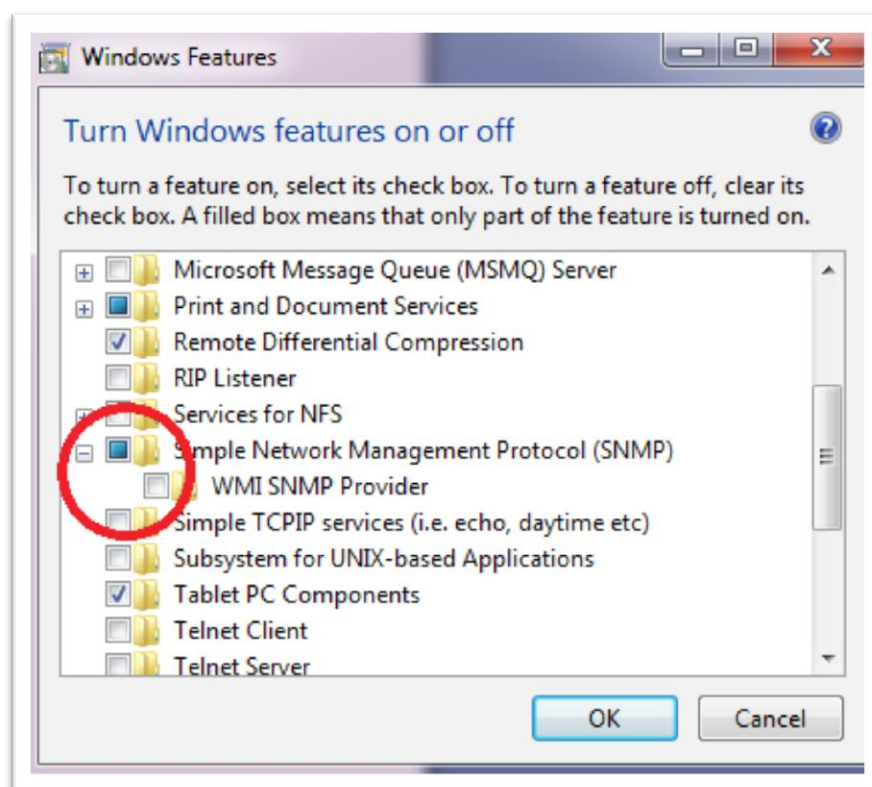
>>
```

## How to Set up SNMP Service on Windows PC

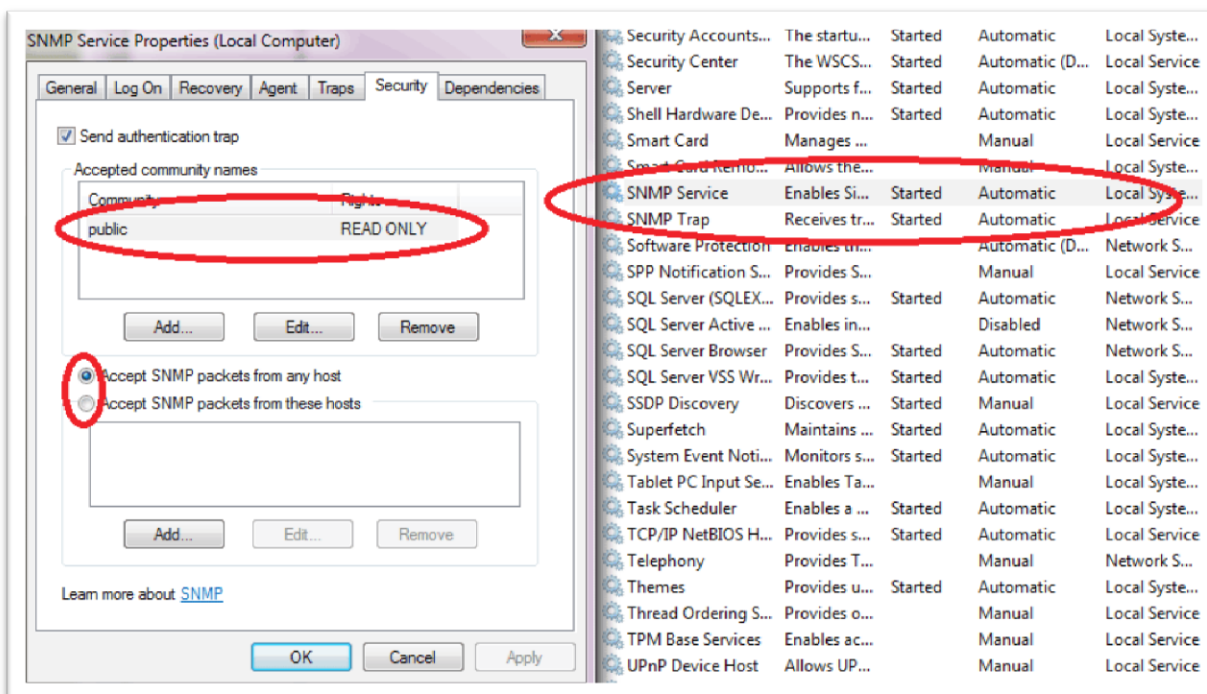
In order to use SNMP monitoring scans in SiteMonster4.0, you need to enable SNMP Service in the machines you are going to monitor.

For the Windows PC, Here are the steps to enable SNMP scans. (SNMP scans are: CPU, Memory, and Disk, Traffic & SNMP Custom scans)

1. On the target machine you are going to monitor, Make sure this window feature is installed. Open "**Control Panel**", and then go to "**Programs**" → "**Turn Windows features on or off**". If this is not turned on, select it like picture blow and click "**OK**".



2. Open "Control Panel", and then go to "System and Security" → "Administrative Tools". Double Click "Services".
3. Find "SNMP Service" and make sure this service is started. Double click this service and Property box will pop up.
4. In the property box, select "Security" Tab. Here you can add "community name" for the SNMP service. To add, click "Add". Set Community rights and community name, and save this setting. The picture is the sample of setting where it has "public" as community name, and "READ ONLY" as community rights.



- Now, you can set SNMP monitoring scans in your Site Monster. Enter the community name you added for the machine. Use "Check" link to see if this works.

**Add/Edit Scan**

Host: 10.0.31.5

Scan: CPU

**10.0.31.5**

**CPU**

Set CPU Scan Using SNMP Protocols.

Input Range: TimeOut (1-60), Failure Count (1-10), Interval (1-999).

**CPU Scan**

[Disable This Scan](#)

Community:

[Check CPU](#)

OK. Found 1CPU(s). Avg.Usage:2%

Max Avg. CPU Usage:  %

Timeout:  sec

Send alert after:  failure(s)

Scan Interval:  min

Message: **Default**

[Use Default](#) [Use Custom](#) [Edit Custom Message](#)

[Edit Event Actions](#)

[Save](#)

[Back](#)



## 7. History Page

In This Page, you can view and download logs. Administrator has System Log also.

On page load, it will show you latest 100 log lines of current day. Select date you want to see on the calendar on the left.

On the window, it can only show you first or last 100 lines. To see the complete log of particular date, download logs by clicking link under the calendar.

If you want to change the log preservation period, go to **"Settings" → "Log Setup" → "Default Log Settings"**.

The screenshot displays the 'History' page interface. On the left, there is a calendar for June 2012 with dates 28 through 30 highlighted. Below the calendar are links for 'Export System Log', 'Export User Log', and 'History Help'. The main area contains two log sections. The first section, 'System Log', shows a list of system events with timestamps and details like '[System Finished Running 295 Scans]'. The second section, 'administrator's Log', shows network-related events with timestamps and details like '[webdestats.com] [HTTP PORT] [OK] HTTP port(80) is'. Both log sections include a note: 'Only displaying first/last 100 lines. For the complete log, please export and download log files from the left column.'

## 8. Monitor Page

In this monitor page, you can monitor all scans 24/7. This page gives you an alert sound on any scans goes into critical state.

This page automatically updates status every minute. For server monitoring, keep opening this page. Other pages will not give alert sound.

Choose display type from: "All Scans", "Critical + Warning", and "Critical Only".

If there are any scans in Critical State, it will play warning sound repeatedly. To change this warning sound, go to **"Setting" → "Alert Sound Setup"**.

Monitor Scans					Status Summary			
All Scans					OK	Warning	Critical (Unaware/Total)	All
<a href="#">All Scans</a> <a href="#">Critical + Warning</a> <a href="#">Critical Only</a>					292	1	0/3	296
HostName/IP	MachineName	Test	Status	Last Run	Status Information			
<a href="#">10.0.31.5</a>	V3 MySQL Test	MYSQL 3	10/10	2012/06/25 17:56:54	Login:OK SHOW TABLE:OK Time:10sec			
<a href="#">10.0.31.5</a>	V3 MySQL Test	PING	10/10	2012/06/25 17:54:44	Address:10.0.31.5 RoundTripTime:0ms			
<a href="#">am01.alpha-mail.net</a>	am01	HTTP 1	10/10	2012/06/25 17:56:58	HTTP-Response:OK. Page:http://am01.alpha-mail.net Time:2sec			
<a href="#">am01.alpha-mail.net</a>	am01	HTTP PORT	10/10	2012/06/25 17:56:55	HTTP port(80) is open.			
<a href="#">am01.alpha-mail.net</a>	am01	PING	10/10	2012/06/25 17:56:54	Address:216.230.250.1 RoundTripTime:4ms			
<a href="#">am02.alpha-mail.net</a>	am02	HTTP 1	10/10	2012/06/25 17:57:01	HTTP-Response:OK. Page:http://am02.alpha-mail.net Time:2sec			
<a href="#">am02.alpha-mail.net</a>	am02	HTTP PORT	10/10	2012/06/25 17:56:58	HTTP port(80) is open.			
<a href="#">am02.alpha-mail.net</a>	am02	PING	10/10	2012/06/25 17:56:58	Address:216.230.250.2 RoundTripTime:3ms			
<a href="#">am03.alpha-mail.net</a>	am03	HTTP 1	10/10	2012/06/25 17:57:04	HTTP-Response:OK. Page:http://am03.alpha-mail.net Time:2sec			
<a href="#">am03.alpha-mail.net</a>	am03	HTTP PORT	10/10	2012/06/25 17:57:02	HTTP port(80) is open.			
<a href="#">am03.alpha-mail.net</a>	am03	PING	10/10	2012/06/25 17:57:01	Address:216.230.250.3 RoundTripTime:2ms			
<a href="#">am04.alpha-mail.net</a>	am04	HTTP 1	10/10	2012/06/25 17:57:08	HTTP-Response:OK. Page:http://am04.alpha-mail.net Time:2sec			
<a href="#">am04.alpha-mail.net</a>	am04	HTTP PORT	10/10	2012/06/25 17:57:05	HTTP port(80) is open.			
<a href="#">am04.alpha-mail.net</a>	am04	PING	10/10	2012/06/25 17:57:05	Address:216.230.250.4 RoundTripTime:2ms			
<a href="#">am05.alpha-mail.net</a>	am05	HTTP 1	10/10	2012/06/25 17:57:11	HTTP-Response:OK. Page:http://am05.alpha-mail.net Time:2sec			



Clicking link on "**(Unaware)**" in status column of any scans in Critical State will make this to "**(Aware)**", and stops the warning sound. If there will be other scans that become Critical State, the warning sound will play again.

## Monitor Scans

Critical + Warning

### Status Summary

OK	Warning	Critical (Unaware/Total)	All
291	1	1/4	296

All Scans Critical + Warning Critical Only

HostName/IP	MachineName	Test	Status	Last Run	Status Information
<a href="#">localhost</a>	MyComputer	DISK 1	0/10 (Aware)	2012/06/26 10:49:35	A:\:Available Space Low. Size=0MB Used=0MB. DownTime:18d17h28m23s
<a href="#">localhost</a>	MyComputer	MEMORY 5	0/10 (Unaware)	2012/06/26 10:49:36	Physical Memory:Available Space Low. Size=1759MB Used=1393MB. DownTime:0d0h14m59s
<a href="#">localhost</a>	MyComputer	MEMORY 6	0/10 (Aware)	2012/06/26 10:49:36	Could not get Memory information. Error Code:-2000 DownTime:18d17h28m23s
<a href="#">test06.dreamersi.net</a>	V3 DI Web	FTP	0/10 (Aware)	2012/06/26 10:49:47	Write Error: The remote server returned an error: (530) Not logged in. Down Time: 18d17h27m50s
<a href="#">webltw29.alpha-lt.net</a>	webltw29	PING	9/10	2012/06/26 10:49:24	Error:TimedOut

## Monitor Scans

Critical + Warning

### Status Summary

OK	Warning	Critical (Unaware/Total)	All
291	2	0/3	296

All Scans Critical + Warning Critical Only

HostName/IP	MachineName	Test	Status	Last Run	Status Information
<a href="#">localhost</a>	MyComputer	DISK 1	0/10 (Aware)	2012/06/25 17:54:25	A:\:Available Space Low. Size=0MB Used=0MB. DownTime:18d0h33m13s
<a href="#">localhost</a>	MyComputer	MEMORY 6	0/10 (Aware)	2012/06/25 17:54:26	Could not get Memory information. Error Code:-2000 DownTime:18d0h33m13s
<a href="#">ltpop31.alpha-lt.net</a>	ltpop31	PING	5/6	2012/06/25 17:54:17	Error:TimedOut
<a href="#">test06.dreamersi.net</a>	V3 DI Web	FTP	0/10 (Aware)	2012/06/25 17:53:41	Write Error: The remote server returned an error: (530) Not logged in. Down Time: 18d0h31m45s
<a href="#">webamw01.alpha-mail.net</a>	webamw01	HTTP 1	9/10	2012/06/25 17:53:47	HTTP-Response:The operation has timed out. Page:http://webamw01.alpha-mail.net

Links on Hostname let you jump to "**Host View**" page of this host.

## About Error Codes

Site Monster usually gives you a description of scan error. However, if a scan only returns an error code, refer to the following list.

800	SMTP_RESPONDS_SLOW
810	POP3_RESPONDS_SLOW
820	IMAP_RESPONDS_SLOW
900	ERR_OPEN_SOCKET
901	ERR_INIT_SOCKET
902	ERR_CONNECT
904	ERR_SEND_DATA
905	ERR_RECV_DATA
906	ERR_TIMEOUT
909	ERR_TOOFEBYBYTE_REC
910	ERR_TOOFEBYBYTE_SND
912	ERR_LOGIN_FTP
63	ERR_OPEN_FILE
61	ERR_WRITE_FILE
62	ERR_READ_FILE
63	ERR_COPY_FILE
64	ERR_DELETE_FILE
952	ERR_SNMP_LIMIT_MEMORY
954	ERR_SNMP_LIMIT_CPU
956	ERR_SNMP_LIMIT_DISK